

# LANDING MATTERS

N° 17 DECEMBER 2011

## 5000TH SINGLE AISLE DELIVERY



### Dowty Rotal Newsletter Issue 5, November 1986

Extract from page 7

#### Dowty Rotal flies out first Airbus A320 main landing gears

The first aircraft set of Dowty Rotal landing gear equipment destined for the new Airbus A320 airliner currently being assembled at Toulouse Toulouse was flown out of Staverton Airport early on Friday, 8 August - on the agreed delivery date. Each complete main landing gear leg, designed and manufactured in collaboration with Messier-Hispano-Bugatti, weighs 267 kg and stands 3.5 metres high. Delivery was expedited by air freight from Staverton to Toulouse at Toulouse-Dowty Rotal. The team accompanied the equipment to supervised unloading and ensure personal delivery to the customer.

Matching the first aircraft set of these large high strength steel landing gear sets was accomplished in the scheduled eight months, including prove-out of a special seven axis milling centre to handle the complete work package. Both landing gears were assembled and tested - including the fitting of hydraulic piping and electrical harnesses, brakes, actuators and instrumentation - within six weeks to meet the A320 build schedule.

This event marks the latest development in the long association between Dowty and Messier, which includes the A320 main landing gear as an ongoing production programme. We designed, developed and manufactured the A320 main landing gear to a very tight timescale said Jim Lightfoot Managing Director. The overall project represents a major achievement for the company. To meet the challenge of these Airbus programmes, we have made considerable investments in electrical and original design large landing gear manufacturing facilities. Dowty Rotal is in a strong position to support French industry in their build of wide-bodied airliners.



A320 main gear with side stay and lock links fitted



Transport aircraft with A320 legs on board takes off from Staverton for Toulouse

***“The first set of Dowty Rotal landing gear equipment destined for the Airbus A320 airliner was flown out of Staverton Airport early on Friday, 8th August 1986 – the agreed delivery date...”***

Twenty five years on we have delivered the 5000th set of Airbus single aisle main landing gears and the ‘collaboration’ as it was then with “Messier-Hispano-Bugatti” has subsequently developed, grown and extended into today’s combined team of Messier-Bugatti-Dowty!

In 1984 Airbus launched the development of its first single aisle aircraft, then known as SA1 and SA2 which soon become known as the A320. The A320 completed its maiden flight in February 1987, having received over 400 orders, with first deliveries and entry into service by Air France in 1988.

In 1989 the company was awarded a Queen’s Award for Technological Achievement in connection with the main fitting design for the A320 main gear.

In 1989 Airbus launched the A321 followed by the A319 in 1993 and the A318 in 1999.

By 1999, 13 years after our first landing gear delivery we had delivered 1000 sets and just 4 years later in April 2003 we had achieved 2000 sets. 3½ years on our deliveries reached 3000 sets and the 4000th set

only 2½ years later in June 2009.

Messier-Bugatti-Dowty achieved a major milestone in July 2011, renewing its contract with Airbus to supply the nose and main landing gears for its single aisle program, including the A320neo family.

Recognised as the “EV” or “Evolution” standard, minor changes will be introduced on the existing main landing gear to reduce costs and improve performance, with minimal impact on weight. These improvements will be gradually rolled out between now and 2014 to ensure a smooth transition to the A320neo family, which is scheduled to enter into service in 2015.

Since Airbus’ launch of the A320neo in December 2010, some 1,420 orders and commitments have been logged for this



> enhanced family as of November 2011 making it the fastest selling commercial aircraft in aerospace history.

The Neo contract confirms our ongoing relationship with Airbus as landing gear supplier until the end of the program in 2025 with estimated total deliveries of 10,000 aircraft.

So, 25 years for the first 5000 sets, another 5000 to come in just over half that time!



1st set at Toulouse



100th set



Assembly of 1st set



1st set fitted to the aircraft



1000th set



Pete Flippance with the 1st set



1st 72 Tonne A320



2000th set



Despatch of 1st set from Gloucester



1st A320 Bogie set



3000th set



Some of the original team members today



4000th set



## A350 MAIN GEAR PROGRAM PUT TO TEST

The Gloucester team continues to make progress with the initial gear requirements for test purposes.

Following the delivery of the first set of main gears to Airbus in April for the Airbus Systems Rig, a further two main gears have been completed. The next main gear to be produced was despatched recently to Toulouse for drop testing at the DGA facility in France. The next main gear will be the fatigue test article which will be installed in quarter 2 of 2012 in the test facility at Gloucester. To accommodate this, the large rig (frame 4) was modified by welding an additional 1.5 m onto each of the existing 8 support legs. The upper support plate that carries the main fixture for mounting the landing gear was then located into position on top of the legs.



The first gear set delivered to Airbus for the Systems Test Rig and subsequently installed in the rig.



The next main gear ready for delivery to DGA, Toulouse for Drop Testing and subsequently installed in the DGA Drop Test rig.



The recently modified test rig at Gloucester for the A350 Fatigue Test and the final preparations to the gear before it is installed in the rig.

## LONG RANGE PROGRAM UPDATE

Congratulations to all involved in successfully completing both these major achievements!



Completion of A340-500/600 High Gross Weight Centre Landing Gear fatigue test.



1st set of MBD Queretaro manufactured A330 Enhanced MLG Bogie Beams delivered to Airbus fitted on MSN 1271.

## PROGRAM UPDATE

### UK Military & Commuters

There have been a number of team changes over the last year with John Herring succeeding Derek Shiells as Program Manager and Vicky Paterson taking up her role as Commercial Manager for UK Military & Commuter Programs with Billy Gill succeeding her as EF2000 Program Lead.

### Eurofighter EF2000 Typhoon

Although Gloucester deliveries have been at a consistent 100% on time since 2009, we continue to work with our international Workshare Partners to address their quality and delivery issues, for which we have seen some recent success in improved delivery performance.

Opportunities are being pursued in support of our customer Cassidian in some key Typhoon

export campaigns in India and Japan, with decisions expected around the end of the year on both campaigns.

### Commuters

We are delivering to Piaggio at a relatively low rate compared to levels of previous years and we continue our support of the BAe146/RJ legacy programs with BAE Systems. Also, there is ongoing activity with Fokker Services to support the continued certification of the Fokker fleet.

### Other Military and Military Spares

Military spares sales are running ahead of forecast at the moment.

Commercial arrangements have now successfully been settled with our customers regarding the cancellation of the Harrier and Nimrod programs arising from the Government's Strategic Defence Review.



# 2011 INNOVATION CONTEST

This year the Gloucester site submitted 37 entries to the Innovation Contest with around 70 individuals involved. The Gloucester judging panel selected four winning entries including the Overall Site winner, which were submitted to the MBD group judging phase

## GLOUCESTER SITE WINNER

Services & Customer Impact category

*"Airbus extended enterprise virtual design environment"*

**RUSSELL VALE**



The other Gloucester category winners were  
**Lean Sigma category**

*"Deburring and polishing operations on A350 bogie beam and B787 truck beam"*

Mubashir Hussain, Ian Parrott, Lloyd Harrington, Brian Butler

**Product or Technology category**

*"Upper & lower bearing on A350 – introduction of composite bearing"*

Sylvie Darrieumerlou, Fraser Crease, Ian Bennett

**Health, Safety and Environment category**

*"Improve the efficiency of pollution inventory reporting"*

Stephanie Graves, Josh Avent, Garry Bevan, Marilyn White, Richard Byett, James Dunkerley

## OVERALL MBD WINNER

Toronto/multi-site Lean Sigma entry

*"Part Zoning to improve Surface Profiles"* included Gloucester participation by

**PETE SMITH, BRIAN BUTLER AND PETE WILLIS**

Russell's site winning entry and the MBD winning entry are amongst the entries which were elected to go forward to the Safran phase of the competition which will be judged very soon with the results published early next year!

Acknowledging the tremendous effort everyone put into their entries and projects, the Directors invited all participants to a celebratory prize presentation and lunch, pictured above.

## HS&E "NEAR MISS" REPORTING



For some years Messier-Dowty has supported the reporting of nearly missed accidents or "near misses" as we choose to call them. These are incidents that occur in which injury, damage to property or the environment could have occurred but didn't. Messier-Dowty in our drive to reduce the occurrence of injuries, damage and pollution are now starting a new initiative to encourage employees to report every near miss that they observe. This will enable us to investigate the cause of each report and to put in place actions to prevent such an incident occurring again and possible causing injury, damage, pollution or all three.

The critical feature of getting all incidents reported is to make it simple and quick. With this in mind we are providing two new simple methods.

The first will enable an electronic report to be made using any site based computer. The second is a more formal paper reporting process in which new reporting stations will be located around the site. These will have a stock of reports to be filled in by hand and then posted into the box provided. The reports will be collected and actioned.

A further benefit of these new systems will help us identify common incidents and reduce or eliminate their root causes to reduce the risk of injuries to people working on this site.



## EXAM SUCCESS FOR PANK

**Congratulations to Pank Patel from Surface Finishing who has passed his Commercial Electrical Installation course.**

Pank has spent the last 3 years at Gloscat college and finished his last exam in July and adds this to his Domestic qualification which he passed last year.



## APPRENTICE AWARDS



Lucy Callaway was recently selected as a finalist in the 'Outstanding achievement for a 4th year apprentice' category of the EEF Apprentice of the Year. Lucy is pictured with Sarah Powell and Matt Taylor at the Awards event.

## DIPLOMA SUCCESS FOR KEVIN

**Congratulations to Kevin Hemmings, Process Operator in Shot Peen, on attaining his TUC Diploma in Occupational Health and Safety.**

Two years ago Kevin enrolled at the Gloucestershire College, Centre for Trade Union Education to study for the Healthy and Safety Stage 1 course. Having successfully completed Stage 1 he then went on to complete Stage 2.

Kevin attained such outstanding results that he was encouraged by his tutor, David James, to continue his development and study for a Diploma. Kevin found the course challenging at times, but was ultimately rewarded for his efforts by attaining his TUC Diploma and Occupational Health and Safety in July 2011.

As well as being a greater asset to his local Process team, Kevin is further able to lend his support to the Messier-Dowty H&S team.

Well done!

## NEW TREES REPLACE THE OLD

Earlier this year the company was faced with a 'treemendous' dilemma! On a number of occasions during the year Alan Locke had been faced with the problem of fallen branches from the Poplar trees at the front of the site which, at over 40 years old, had become a much respected and attractive feature of the site.

Unfortunately the trees were getting to an age where they were becoming unsafe to maintain at the size they had reached during their illustrious life in front of the Rotol/Dowty/Messier building. The trees were trimmed back on several occasions but to no avail. Branches were still falling into the main road and across the footpath and were becoming somewhat of a problem and in today's Health and Safety conscious society, it is very much our responsibility to take care of our site and surroundings.

Having taken advice from tree experts and the county council the only safe conclusion was to remove them and plant some fresh young replacements. Each one of the old trees has now been replaced by a 2 year old Norway Maple.



## FRENCH LANGUAGE TRAINING



**Congratulations to the first group of employees who have attained their Certificates in Business Language Competence (French).**

Photographed receiving their certificates were: Paul Lines, Colin R Budd, David Bond, Beverley Badaloo, James Dunkerley, Alistair Bailey, Karlsen Jones and Karen Jones.

Also successful but not in the photograph were: Stephen Denton, David Brown, Jonathan Crewe, Simon Harris and Andraz Vatovec.





On Sunday 19th June 2011, myself and two colleagues from the unit management team of TS Gloucester SCC completed the Cheltenham Circular challenge. This is a full marathon that covers varying terrain and encircles Cheltenham starting and finishing at the racecourse.

As a registered charity the Gloucester unit of the Sea Cadet Corps relies on fund raising and donations and forms an important part of the work undertaken by the Staff and management team at TS Gloucester.

We completed the walk in just over nine hours and raised £1400 in the process, we were all rewarded with a great sense of achievement not only for completing our 1st marathon but for also raising a beneficial sum of money that will go towards purchasing new equipment for the 50 cadets that we have attending the unit.

Many thanks to all who sponsored me.

Phil Perry

## JHT CHARITY WALK

Back in May Mike Pictor took part in a charity walk for the James Hopkins Trust...

"9:00 am Sunday May 22nd my wife Ann, her old school friend Joan and I were the only group to set out for this 9 mile sponsored walk. Other groups followed a variety of well marked routes from the visitor centre on Crickley Hill Country Park.

The walk takes you through some beautiful Cotswold countryside in the parish of Coberley. The full route should take about 4 hours to enjoy. It explores farmland, a limestone valley, commons high above the Severn Vale and Beech woodlands along the Cotswold edge.

Some 5 hours later having missed a fairly important turning (too much talking and not enough observing) we completed about 12 miles and collapsed on a picnic bench to be fed and watered by volunteers from the James Hopkins trust.

The James Hopkins Trust pass on their heartfelt thanks to our friends and colleagues for sponsoring us both.

Ann and I through your sponsorship raised £443.50. This money together with Joan's £90 will now go towards providing free nursing respite care for severely disabled, life limited and life threatened children aged under six living in Gloucestershire."



## 2322 DOWTY SQUADRON ATC

The Dowty Squadron of the ATC was founded by Sir George Dowty in 1958 and the company has maintained its connections and support for the squadron since those early days.

Landing Matters spoke to Tim Young the Civilian Instructor in charge of training for the ATC to find out a little more about what they do.

"The range of activities on the squadron is so vast that defining what we do is a challenging task. We parade twice a week for most of the year and an average evening will commence with the cadets being formally paraded before the commanding officer of the squadron, Flight Lieutenant Richard Jennings.

The first half of the evening's program might be an inspection, foot drill practice, shooting, first aid, initiative exercises, sports, or project work.

The second activity may include the cadets taking a range of basic and advanced lessons. Lessons include history of the ATC and RAF, airmanship, principles of flight, navigation and map reading, radio operation, propulsion systems, airframes, advanced radio and radar and satellite communications. Completion of these topics earn different badges and can lead to industrially recognised BTEC qualifications.

Weekend activities sometimes include fundraising, for example marshalling duties in exchange for a donation to the squadron. Other activities are purely for the benefit and development of the cadets, such as the Duke

of Edinburgh Award Scheme, camping expeditions and night exercises which involve camouflage and field style situations.

Flying is another important activity and we fly a number of aircraft including the winch launch and powered gliders as well as twin seater training aircraft.

Cadet camps are varied and sometimes overseas such as a week in Cyprus experiencing life with the RAF in the Mediterranean, a week in south Germany skiing in the Alps, or a week in a UK RAF Base experiencing working with the men and women in the Armed Forces.

Adult volunteers are an integral part of the organisation and are always welcome. If you are interested come along to 2322 Dowty Squadron on a Monday or Thursday evening at the TA centre on Arle Road, Cheltenham.

On behalf of the Dowty Squadron I would like to thank Messier-Dowty for its continued and very much appreciated support.





## DOWTY GOLF SOCIETY

The Dowty Golf Society (DGS) was founded more than 50 years ago and was one of the many 'societies' enjoyed by the Dowty Group staff for socialising and having a few beers. Although the Dowty Group has long since been absorbed by other companies the DGS continues to survive, not least through the support of Messier-Dowty Ltd and to a much appreciated Anglo Abrasives (a supplier of grinding tools to MDL).

The society is open to all employees of MDL and has an average membership of around 40 that includes both current employees and retirees, the latter using the opportunity to keep updated on the prosperity of their pensions. A typical year comprises 5 days out, always a Friday, over the months of May through to September at a variety of local golf courses. Each day is planned around 20-30 golfers playing 27 holes complemented with coffee on arrival, light lunch and an evening meal, the cost of which we try to keep to an 'affordable' level through the Company support and some very skillful negotiation with the golf clubs.

The days' competitions are played for a trophy, some with such eminent names as the 'Sir George Dowty Cup', the 'Bound Cup' (R H Bound was Sir George Dowty's chief engineer and right hand man back in 1935) and also the Presidents Putter and Perpetual Trophy both of which were played for as far back as 1955 – something for you to put in pride of place on your mantelpiece for a year!!



If you are interested in joining look out for the posters in the Spring inviting employees to join or if you would like more information now then contact Max Gough ext'n 1163 or Andy Baxter ext'n 1620.



Team Gee Gee ran this year's 10K race for life at Cheltenham racecourse in honor of Jane Gee, and, family and friends of M-D who have been touched by this illness.

The team (pictured left to right), Heidi Beal, Lisa Darby, Terri Bates, Sharon Phillips, Tess Baxter, Olivia Baxter, Laura Wiacek, Harriett Gee and Sarah Powell raised a total of £1200 (including gift aid).

We would like to express our sincere thanks for the generosity of our family, friends and in particular M-D employees who helped us raise this huge amount of money for a very worthwhile cause.

## SWINDON VILLAGE BOWMEN FOOTBALL CLUB



Once again this year the Club held its annual 6-a-side tournament at Dowty Sports & Social Club, which was part sponsored by Messier-Bugatti-Dowty.

The event was a great success with over 600 players, aged between 6 and 17 performing at the highest standard on a very warm summer's day.

Swindon Village Bowmen would like to thank all concerned helping with the tournament, with a special thanks to Dowty Sports & Social and Messier-Bugatti-Dowty for their ongoing support.

Chris Ryman

## FB RACING'S STREET ELIMINATOR CHAMPIONSHIP

Despite missing the first meeting, Ian Hook's FB Racing had another very good season and took the runner up spot in this year's Street Eliminator championship...

With the championship already secured by Brian Payne, the 2nd and 3rd positions were decided by the very last race of the series when we defeated Wellingborough's Alex McIntosh in a thrilling race. Along the way we made 5 consecutive finals, a feat we'd never achieved before.

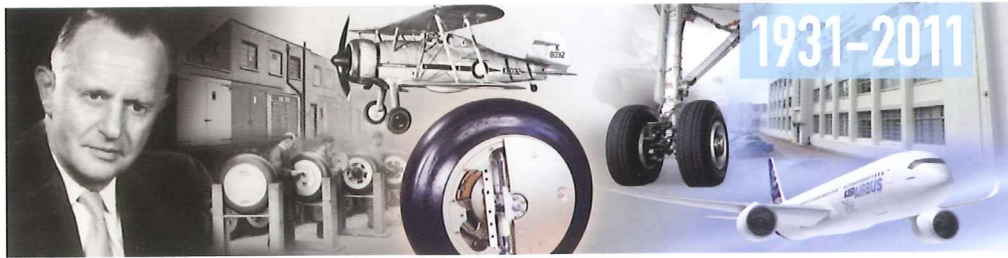
We have also been active locally. As well as racing at Long Marston (near Stratford) the car has been displayed at several

local events culminating in October with a first ever visit to Prescott Hill Climb (and I DID take it up the course!) followed a week later with a day at Cheltenham's brewery centre as part of Cheltenham Motor Club's "Pistons in the Brewery" event.

We've now started on our winter rebuild and will be looking to go quicker and faster in 2012 and bring more silverware back to Gloucestershire.







**DOWTY**

80 YEARS IN GLOUCESTERSHIRE

1931-2011

**During October we celebrated the 80th Anniversary of the foundation by Sir George Dowty of the Dowty organisation in Gloucester in 1931.**

Around 1200 employees and their families attended an Open Day which gave the opportunity to tour a variety of areas of the facility including: Engineering, Test, Heat Treatment, Manufacture & Assembly.

The teams in each area created displays and demonstrations to illustrate to the visitors the activities that are carried out and the technologies involved.

The process department carried out a couple of 'quenches' for a large number

of visitors to observe from a safe distance! Also on display were a number of landing gears from throughout the decades from the internally sprung wheel and one of the first pillar drills used in those early days, through to the latest landing gear programs of today, including Airbus A350 and Boeing 787 components. To complete the day everyone was treated to an informal lunch with hot dogs, burgers, buffet and cakes!

The company has come a long way since 1931 when

Sir George Dowty began his 'landing gear' journey. Those early days saw Sir George's Aircraft Components providing shock absorber struts for the Cierva Auto Giro and his development of the internally sprung wheel and the first order for Kawasaki produced in his temporary workshop in Lansdowne Terrace, Cheltenham. The Dowty organisation acquired its first official home and employees in October 1931 at Grosvenor Place South, Cheltenham.

Since those early pioneering

days the Dowty organisation grew to an International company with interests in Aerospace, Mining, Electronics, Industrial Hydraulics and Information Technology. Subsequently, through a number of acquisitions, mergers, divestments and reorganisations the Aerospace business and particularly the landing gear business progressed through the periods of Roto, Dowty Aerospace, TI Group to the joint venture with the landing gear interests of Messier-Bugatti and Snecma group and more recently, now as Safran group, the merger with wheels and brakes and MRO forming Messier-Bugatti-Dowty.

Mike Platt thanked all those involved in making the day such a success and said, "It was clear to see how much effort people had taken and the pride they have in the work that we all do. All those that I spoke to on the day commented on how good they thought the day was and what a great opportunity it was to share what we do with our families. Everyone can be very proud of what they achieved."

1930s



80 YEARS IN GLOUCESTERSHIRE

1931-2011



- George Dowty forms Aircraft Components Co and leaves Gloster Aircraft
- Rents 10 Lansdowne Terrace Cheltenham
- First internally sprung wheels are manufactured and supplied to Kawasaki Japan
- Becomes Aircraft Components Ltd, annual turnover £2,800 with 5 employees (1932)
- Robert Hunt joins in 1935 as one of the first apprentices
- 1st appearance at the Paris Airshow (1935)
- Aircraft Components moves to Arle Court with 59 employees (1935)
- Formation of US and Canadian companies
- Roto Aircrafts Ltd is formed jointly by Rolls Royce Ltd & Bristol Airplane Co Ltd (1937)



1940s



80 YEARS IN GLOUCESTERSHIRE

1931-2011



- Aircraft components Co. becomes Dowty Equipment Ltd
- British Messier Ltd formed
- Dowty diversifies into hydraulic equipment, mining equipment, seals and electrics
- The Roto 'white block' is camouflaged during the war years
- Wartime production totalled 87,000 undercarriages and nearly 1 million hydraulic system components
- HRH Queen Mary visits Roto in 1943
- 1st Apprentice Prize Giving takes place (1943)
- Roto Aircrafts Ltd drops the 'Aircrafts' from its name
- Dowty Electrics formed
- Dowty Canada moves to Ajax, Ontario



1950s



80 YEARS IN GLOUCESTERSHIRE

1931-2011



- George Dowty is Knighted
- Dowty Marine formed to sell Turboprop power boats
- One millionth Dowty pit prop produced
- Dowty Fuel Systems formed with new building at Arle Court
- Innsworth Metals acquired by Dowty Group
- Roto is heavily involved in development of Dart propeller and by 1959 40 Viscounts with 1600 Roto props with 10 million engine hours were in commercial service
- New Apprentice school is opened at Roto (1954)
- The Roto Prize Draw is introduced and an expanded Horticultural Show becomes the Roto Sports Day



1960s



80 YEARS IN GLOUCESTERSHIRE

1931-2011



- Dowty Equipment Ltd & Roto Ltd amalgamated to form Dowty Roto at Staverton (1960)
- Dowty Roto installs the company's first NC machining centre
- New design office opened at Dowty Roto with Europe's largest area translucent illuminated ceiling
- Dowty Roto Data Processing dept opened with the Group's first computer installed
- Dowty Group and Messier SA form two joint companies, Dowty Messier and Messier-Dowty SARL, to supply equipment on Anglo French aerospace programmes (1967)
- Dowty Roto receives Queen's Award for Export (1968)
- Sir George Dowty is appointed Deputy Lieutenant of Gloucestershire







Messier- Dowty 80th anniversary Open Day

2010s

**DOWTY**  
80 YEARS IN GLOUCESTERSHIRE

1931-2011



- 1st metal cuts made of the new A350 main gear
- 1st set of A350 main gears is delivered for the Airbus systems rig
- Inauguration of the new facility at Queretaro, Mexico
- 1st flight of the Boeing 787 with the new composite side stays
- Messier-Dowty, Messier-Bugatti and Messier Services combine to form Messier-Bugatti-Dowty, the world leader in aircraft landing and braking systems
- Messier-Bugatti-Dowty is selected for the new Airbus A320 Neo aircraft
- First Boeing 787 is delivered to the customer in preparation for entry into commercial service



1970s

**DOWTY**  
80 YEARS IN GLOUCESTERSHIRE

1931-2011



- Dowty Rotol despatches first DC-10 nose gear
- Boulton Paul Aircraft renamed Dowty Boulton Paul
- Dowty's Mining division receives huge orders from Poland, USA, China and South Africa
- Dowty Rotol develops variable pitch propellers, ram air turbines and begins advance work on carbon-fibre reinforced propeller blades
- Ram Air Turbine selected for Concorde
- Robert Hunt opens new facility at Dulles Airport, Washington, USA
- Dowty Rotol wins order for the tri national MIRC aircraft
- Dowty Rotol wins Queen's Award for Technological Achievement (1974)
- Sir George Dowty dies in 1975



1980s

**DOWTY**  
80 YEARS IN GLOUCESTERSHIRE

1931-2011



- Robert Hunt succeeds Sir George as Chairman and Chief Executive and becomes a Knight
- New 35,000 sq ft machine shop nears completion at Staverton as part of a £7m expansion scheme for work on Airbus A310 program
- Dowty Rotol wins Queen's Award for Export (1980) and Technological Achievement (1984)
- HRH Duke of Edinburgh visits Dowty Rotol
- Dowty Rotol selected to supply the A320 main landing gear (1984)
- The BAe 146 landing gear is designed with a safe life of 60,000 landings, 7 flights a day for 23 years
- Sir Robert Hunt retires with Dennis Morgan followed by Tony Thatcher succeeding him as Chief Executive



1990s

**DOWTY**  
80 YEARS IN GLOUCESTERSHIRE

1931-2011



- Dowty Rotol name changes to Dowty Aerospace Gloucester Ltd (1990)
- Dowty Aerospace businesses split up into product based business units and Dowty Aerospace Landing Gear is established (1992)
- Dowty Aerospace wins Queen's Award for Export (1992)
- Dowty Group including Dowty Aerospace is bought by TI Group (1992)
- Messier-Dowty Ltd is formed as part of a 50:50 TI Group & Snecma Group Joint Venture (1995)
- Messier-Dowty wins Queen's Award for Technological Achievement (1995)
- Snecma Group buys TI Group's share of the JV and Messier-Dowty Ltd becomes 100% Snecma owned (1998)
- Messier Services network created (1999)
- US design office opened in Seattle (1999)



2000s

**DOWTY**  
80 YEARS IN GLOUCESTERSHIRE

1931-2011



- New and expanded European Test Centre is opened at Gloucester
- Messier-Dowty wins Queen's Award for International Trade (2000)
- Messier-Dowty Suzhou is opened
- Messier-Dowty is selected for: A380 nose, Boeing 787, Airbus A400M, Superjet 100, Falcon 7X and Airbus A350XWB
- Merger between Snecma and Sagem forming Safran group
- 1st A380 nose gear is delivered
- 1st A400M gears are delivered
- 1st Boeing 787 gears are delivered
- The 1000th set of A330/340 gears is delivered
- The 4000th set of A320 gears is delivered





# LOOKING BACK OVER THE YEAR'S EVENTS

## JANUARY



Safran's Xavier D'Lzarn visits

## FEBRUARY



Annual Chairman's visit

## MARCH



BAE 146 Operator's Conference

## APRIL



A350 Handover



Gloucestershire's High Sheriff visits

## JULY



A350 main gear assembly commences



A320 Neo contract win and celebrations



# JUNE



French School visits



1st Mexican A321 main fittings assembled on main gear



Cheltenham Science Festival – Discover Zone

# NOVEMBER



1st Mexican A320 main fittings assembled on main gear

# OCTOBER



PM opens new Wing Assembly Facility at Airbus Broughton for A350XWB



Boeing 787 enters service with ANA



Airbus A350 new facility visitors



Best of British Aerospace Industry exhibits at The Department of Business, Innovation & Skills with Mark Prisk MP, Minister of State for Business, Innovation & Skills





## LONG SERVICE AWARDS



This year the long service awards celebration took place at Blenheim Palace in June. Award recipients who attended included (left to right)

- > Gary Gossage and his wife Jeanette Gossage
- > David King and his wife Lynne King
- > Haydn Hughes and his wife Gina Hughes
- > Margaret Adams and her partner Roy Stephens
- > David Cowell and his wife Margaret Cowell
- > Colin Haug and his partner Belinda McPherson

Congratulations to all the long service achievers!

- > Chris Green married Kay Boreham on 1st October 2011 St. Cyr's Church in Stonehouse
- > Sarah Jones (nee Parker) married George on 16th July 2011 in Liverpool
- > Stephanie Catchpole married Paul Meek (Paul now works here too!) on 11th June 2011 at The Barn in Berkeley
- > Robert Denton married Fiona Richards on 18th June 2011 at The Royal Agricultural College in Cirencester
- > Matt Hill married Carly on 4th June 2011 at Deer Park Hall, Worcestershire. The weather was good and it all went well, but a bit too quickly
- > Gary Bruton married Emma on 26th June 2011 at Egypt Mills, Nailsworth
- > Matt Ball married Becky Ames on 7th October 2011. It was a fantastic

day, better than perfect. A big thank you to everyone for their kind words and contributions.

- > On the 16th July Suresh Bansal married a very beautiful lady, Pamela, pictured here in a traditional Indian ceremony. They had a little over 450 family and friends from all over the UK and other parts of the world to witness the fantastic and amazing special occasion.

*'It has been the best day of my life, with all my friends and family being around us, the atmosphere was amazing! We had great honeymoon in Las Vegas and Antigua and now we're settling into our new home in Worcestershire. I would like to take this opportunity to thank everyone for their best wishes'*

Suresh Bansal



## MARRIAGES

## GOODBYE NOVEMBER, HELLO DECEM-BARE

During November The MoDowty team in Gloucester together with the Test-E's team in Toronto, raised a total of £2,350 for the Prostate Cancer Charity.

The MoDowty team would like to thank Mike Platt who donated £200 on behalf of Messier-Dowty, and all of our colleagues who also generously contributed to the team's success!



## BIRTHS

- > Lorraine and Simon Squire, son Tommy born 13th May 2011
- > Conrad Harriss and Jo Pearson, daughter Calliope born 27th May 2011
- > Billy and Sam Gill, son Harley James born 17th October 2011